



Attorney Docket No. 9310.22CX

IFW 1634 \$
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Goudsmit et al.

Confirmation No.: 6213

Application Serial No: 09/463,352

Group Art Unit: 1634

Filed: January 21, 2000

Examiner: B. Sisson

For: *NUCLEIC ACID SEQUENCES THAT CAN BE USED AS PRIMERS AND PROBES IN THE AMPLICATION AND DETECTION OF ALL SUBTYPES OF HIV-1*

October 8, 2004

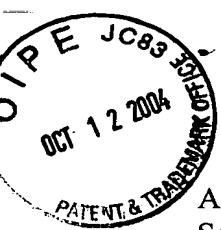
**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. §1.97(c)**

Sir:

Attached is a list of documents on form PTO-1449 together with a copy of each identified document.

Documents 1-15 listed on the attached form PTO 1449 were submitted by a third party during the prosecution in the European Patent Office (EPO) of corresponding European patent application 98943872.6, which is a regional phase application from PCT application PCT/EP98/04945, filed August 5, 1998. Documents related to the third party disclosures (i.e., observations, examiner's comments and applicants' responses) are included in the prosecution history of the European patent application and in the interest of full disclosure, applicants provide herewith a copy of the file history of European patent application 98943872.6 as downloaded from the Epoline website (<http://ofi.epolineorg/view/GetDossier>), including a summary (printed from the website) of the documents enclosed through the Notice of Grant issued May 19, 2004 and applicants' response filed September 21, 2004, submitting claim translations and payment of grant and printing fees.

This supplemental Information Disclosure Statement is submitted in accordance with 37 C.F.R. § 1.97(c), before final Office Action or Allowance, whichever is earlier.



Attorney Docket No. 9310.22CX
Serial No.: 09/463,352
Page 2

In accordance with the requirements of 37 C.F.R. § 1.97(c)(2), a check for the \$180.00 fee specified in 37 C.F.R. § 1.17(p) is enclosed. This amount is believed to be correct. However, the Commissioner is authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

Respectfully submitted,

Mary L. Miller
Registration No. 39,303

Myers Bigel Sibley & Sajovec, P.A.
P. O. Box 37428
Raleigh, North Carolina 27627
Telephone: (919) 854-1400
Facsimile: (919) 854-1401
Customer No. 20792

CERTIFICATE OF EXPRESS MAILING

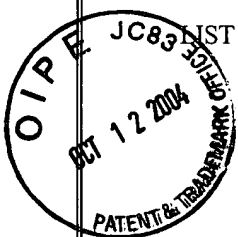
"Express Mail" mailing label number: EV 473658412 US Date of Deposit: October 8, 2004
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Betsy Porter

FORM PTO-1449 U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket Number 9310-22CX

Serial No.
09/463,352



LIST OF DOCUMENTS CITED BY APPLICANT

(Use several sheets if necessary)

Applicants: Goudsmit et al.

Filing Date: January 21, 2000

Group
1634

U. S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1.	5,576,176	11/19/1996	Adams et al.			
	17.	5,629,413	05/13/1997	Peterson et al.			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
	2.	EP 0 887 427 A2	12/30/1998	EPO			
	3.	EP 0 727 497 A1	08/21/1996	EPO			
	4.	EP 0 617 132 A3	09/28/1994	EPO			
	18.	EP 0 402 997 A3	12/19/1990	EPO			
	19.	EP 0 331 939 A3	09/13/1989	EPO			
	20.	WO 91/10746	07/25/1991	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	5.	Bell and Ratner "Specificity of Polymerase Chain Amplification Reactions for Human Immunodeficiency Virus Type 1 DNA Sequences" <i>AIDS Research and Human Retroviruses</i> 5(1):87-95 (1989)
	6.	Böni et al. "PCR Identification of HIV-1 DNA Sequences in Brain Tissue of Patients with AIDS Encephalopathy" <i>Neurology</i> 43:1813-1817 (1993)
	7.	Goto et al. "Detection of Proviral Sequences in Saliva of Patients Infected with Human Immunodeficiency Virus Type 1" <i>AIDS Research and Human Retroviruses</i> 7(3):343-347 (1991)
	8.	Karikó "Identification of Conserved Sequences for PCR Primer Design by Multiple Alignments of Dot Matrix Plots" <i>BioTechniques</i> 18(6):1048-1049 (1995)
	9.	Map of 5' LTR from HIV-1 reference genome (GenBank Accession No. K03455)
	10.	Oehlenschläger et al. "Detection of HIV-1 RNA by Nucleic Acid Sequence-Based Amplification Combined with Fluorescence Correlation Spectroscopy" <i>Proc. Natl. Acad. Sci. USA</i> 93:12811-12816 (1996)
	11.	Scientific Report on Computer Analysis of the Alignment of the HIV LTR Sequence from the December 1996 Edition of the Human Retroviruses and AIDS Compendium published by the Los Alamos National Laboratory, New Mexico
	12.	Revets et al. "Comparative Evaluation of NASBA HIV-1 RNA QT, AMPLICOR-HIV Monitor, and QUANTIPLEX HIV RNA Assay, Three Methods for Quantification of Human Immunodeficiency Virus Type 1 RNA in Plasma" <i>Journal of Clinical Microbiology</i> 34(5):1058-1064 (1996)

EXAMINER

*EXAMINER

DATE CONSIDERED

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket Number 9310-22CX

Serial No.
09/463,352

LIST OF DOCUMENTS CITED BY APPLICANT

(Use several sheets if necessary)

Applicants: Goudsmit et al.

Filing Date: January 21, 2000

Group
1634

- | | |
|-----|---|
| 13. | LTR alignment from the December 1996 Edition of the Human Retroviruses and AIDS Compendium published by the Los Alamos National Laboratory, New Mexico |
| 14. | Partial gag alignment from the December 1996 Edition of the Human Retroviruses and AIDS Compendium published by the Los Alamos National Laboratory, New Mexico |
| 15. | Van Gemen et al. "Quantification of HIV-1 RNA in Plasma Using NASBA TM During HIV-1 Primary Infection" <i>Journal of Virological Methods</i> 43:177-188 (1993) |
| 16. | File history of European patent application serial number EP 98943872.6, filed August 5, 1998 |

EXAMINER

DATE CONSIDERED

*EXAMINER

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.